

STATEMENT
OF
WORK
(SOW)

FOR THE REBUILD OF THE AAV

POWER TAKE OFF ASSEMBLY

NSN
2990-00-225-3220

OR
POWER TAKEOFF ASSEMBLY
WITH CONTAINER

NSN
2990-00-118-4942

SOW-01-834-1-84409B-1/1

Dated 4 April 2000

STATEMENT OF WORK FOR THE REBUILD
OF THE
POWER TAKE OFF ASSEMBLY
NSN 2990-00-225-3220
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1.0 SCOPE. This Statement of Work (SOW), along with TM 8F152B-25&P/A establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor facility in the rebuild of the Assault Amphibious Vehicle (AAV) Power Take-Off (PTO) or the PTO with Container, hereafter called the PTO or PTO with Container. This document contains minimum requirements to restore the PTO or PTO with Container to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitations or restrictions". The PTO is identified by National Stock Number (NSN) 2990 00 225 3220 and the PTO with Container is identified by National Stock Number (NSN) 2990-00-118-4942.

1.1 BACKGROUND. Rebuild is defined as that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through complete disassembly of the item; inspection of all parts or components, repair or replacement of worn or unserviceable parts using original manufacturing tolerances and/or specifications and subsequent reassembly of the item.

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

| | |
|-----------------|--|
| MIL-STD-2073-1C | DoD Standard Practice for Military Packaging |
|-----------------|--|

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|-------------|--|
| MIL-STD-129 | DoD Standard Practice for Military Marking |
|-------------|--|

Military Standards (For Guidance-Only)

| | |
|-------------|--------------------------|
| MIL-STD-973 | Configuration Management |
|-------------|--------------------------|

2.2 Other Government Documents and Publications

| | |
|--------------------|---|
| DoD 4160.21-M | Defense Materiel Disposition Manual |
| DoD 4000.25-1-M | MILSTRIP Manual |
| NAVICPINST 4491.2A | Requisitioning of Contractor Furnished Material from the Federal Supply System |
| TM-4700-45/6B | Installation of Repair/Overhaul Data Plates-All Equipment End Items, Assemblies, and Components |
| RS 3.4A | Rebuild Standards for the AAV7A1 |
| TM 2350-45 | DMA Standard Procedures |
| TM-8F152B-25&P/A | Power Plant Assembly AAV7A1 |
| ECP 5183 | Drawing Of Transmission/P/O |
| Drawing 2587768 | Power Take-Off |
| Drawing 2589053 | Power Take-Off With Container |
| DTD | Multi Users Engineer Change Proposal Automated Review System (MEARS) Document Type Definition (DTD) |

2.3 Industry Standards

| | |
|-----------------------------|--|
| ANSI/ISO/ASQC Q9003-1994 | Quality Systems-Model for Quality Assurance in Final Inspection and Test |
|-----------------------------|--|

Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Defense Automation Product Service Philadelphia, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Commercial (215) 697-2179 or DSN 442-01279 or <http://www.dodssp.daps.mil>. Copies of handbooks, publications and other Government documents required by the contractor in connection with specific SOW requirements shall be obtained, in writing, from: Commander, Marine Corps Logistics

Bases, Attn: Publication Branch (Code 876), Albany, Georgia 31704-5000, Commercial (912) 439-5818/19, or DSN 567-5818/19. Copies of Drawings and Engineering Change Proposals required by the contractor shall be obtained in writing from Life Cycle Management Center, Attn (Code 825-3) 814 Radford Blvd Suite 20302, Albany, Georgia, 31704-0320, Commercial (912) 439-6410 or DSN 567-6410.

3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the contractor shall:

a. Provide materials, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair, rebuild, and calibrate as required to make the PTO or the PTO with Container fully operational. Upon completion of rebuild, the PTO or the PTO with Container shall be Condition Code "A".

b. Conduct final-on-site testing, which may be witnessed by Marine Corps Logistics Base Albany, Georgia (MARCORLOGBASEALB), (Code 834-1) representative at his/her discretion.

c. The contractor shall be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the PTO or the PTO with Container as specified in TM-8F152B-25&P/A, RS 3.4A, MIL-STD-2073-1C, and MIL-STD-129.

d. Ensure all PTO or PTO with Container meet the configuration of Naval Sea System Command Drawings 2587768 or 2589053.

e. All mandatory replacement parts identified in TM-8F152B-25&P/A shall be replaced 100%. Economically repairable replacement parts may be reused if they meet the applicable inspection requirements in TM 2350-45. All parts shall be disposed of in accordance with DoD 4160.21-M.

3.2 Detailed Tasks. The following tasks describe the different phases for the rebuild of the PTO or the PTO with Container.

3.2.1 Phase I Rebuild. The contractor shall receive PTO or the PTO with Container for rebuild. The contractor shall then disassemble the PTO or the PTO with Container into components in accordance with the requirements in TM 8F152B-25&P/A and this SOW. The contractor shall be responsible for supplying all equipment, tools, test equipment, and materials, for the conduct of this effort. The contractor shall be responsible for the integration and assembly of all components. The Engineering Change Proposal (ECP) 5183, of this SOW, shall be applied during the rebuild process. The configuration

Identification for the PTO is defined by the specifications annotated on current revision level of Naval Sea System Command drawing 2587768. The PTO with Container is defined by the specifications annotated on current revision level of Naval Sea System Command drawing 2589053. Upon completion of the rebuild, the PTO or PTO with Container shall be in condition code "A". A Rebuild Data Plate shall be installed in accordance with TM-4700-45/6B.

3.2.2 Phase II - Inspection, Testing, and Acceptance

a. The contractor shall provide a Certificate of Conformance with delivery of the final product attesting the product meets or exceeds the requirements of this SOW. The contractor will correct any deficiencies discovered.

b. Inspection, testing, and acceptance of the PTO or the PTO with Container shall be conducted in accordance with TM 8F152B-25&P/A and ANSI/ISO/ASQC Q9003-1994.

3.2.3 Phase III - Packaging, Handling, Storage, and Transportation (PHS&T)

a. The contractor shall be responsible for preservation and packaging for items repaired under the terms of this SOW. Items being prepared for long term storage, or immediate shipment to overseas destinations shall be level "A" in accordance with MIL-STD 2037-1C, Method 55 for NSN 2990-00-118-4942 and Method 52 for NSN 2990-00-225-3220. Items being prepared for domestic shipment, immediate use or short-term storage shall be to level "B".

b. Marking shall be in accordance with MIL-STD-129.

c. The Marine Corps shall provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps shall be responsible for transportation costs associated with the shipping the subject equipment to and from the contractor.

3.3 Configuration Management

The contractor shall apply configuration control to established configuration items. The contractor shall not implement a design or performance change to items without receiving prior authorization from the contracting activity. The need to deviate from the written procedures or materiel's contained in the technical manuals/engineering drawings shall be requested by the electronic submission of a Request for Deviation (RFD)/Request for Waiver (RFW). MIL-STD-973, paragraph 5.4.3 or 5.4.4, provide guidance for preparing

these configuration change documents. The contractor shall be furnished with MEARS DTD, and either the associated template for the production of electronic RFD/RFWs or the MEARS CREATE application. All electronic change submissions shall be prepared in accordance with the DTD. Delivery media and formats are contained in the application Contract Data Requirements List (CDRL).

b. The submission of electronic files shall be accomplished by the originator placing the RFD/RFW files on the MCLBA shared drive, matcomapps05/mears/foaav or equivalent address. The originator shall notify the contracting activity of a RFD residing on applicable server by e-mail. As an alternative to placing the RFD/RFW on the server, the originator may e-mail the document using zip files.

3.4 Government Furnished Equipment (GFE) and Government Furnished Materiel (GFM)

GFE is government owned equipment authorized by contract for use by a commercial/government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into a product being manufactured/remanufactured under a contract/SOW. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA) at MARCORLOGBASEALB (/MCA/Code 827-2) will coordinate required GFE and will maintain a central control on Marine assets in the Contractors possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature to establish a chain of custody and property responsibility for Marine Corps assets.

3.5 Contractor Furnished Materiel (CFM)

The Marine Corps has adopted the Navy's procedures regarding CFM (NAVICPINST 4491.2A). In the event that CFM is required for repair parts, the contractor will requisition through the DoD Supply System. DoD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.6 Quality Assurance Provisions

a. The performance of the contractor's quality of work performed, material provided and documents written shall be subject to in-process review and inspection by the MARCORLOGBASEALB (Code 834-1) representative during contract performance. Inspection may be accomplished at any work location. The MARCORLOGBASEALB (Code 834-1) representative requires at a minimum, two weeks notice of acceptance test to allow for sufficient time for MARCORLOGBASEALB (834-1) representative to witness the test if he or she desires. Inspection by the MARCORLOGBASEALB (834-1) representative of acceptance tests, materiel's and associated lists furnished hereunder does

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| 4. PRIORITY (Data Acquisition Document No.) | | | | 5. CONTRACT REFERENCE | | 6. REQUIRING OFFICE | | | |
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